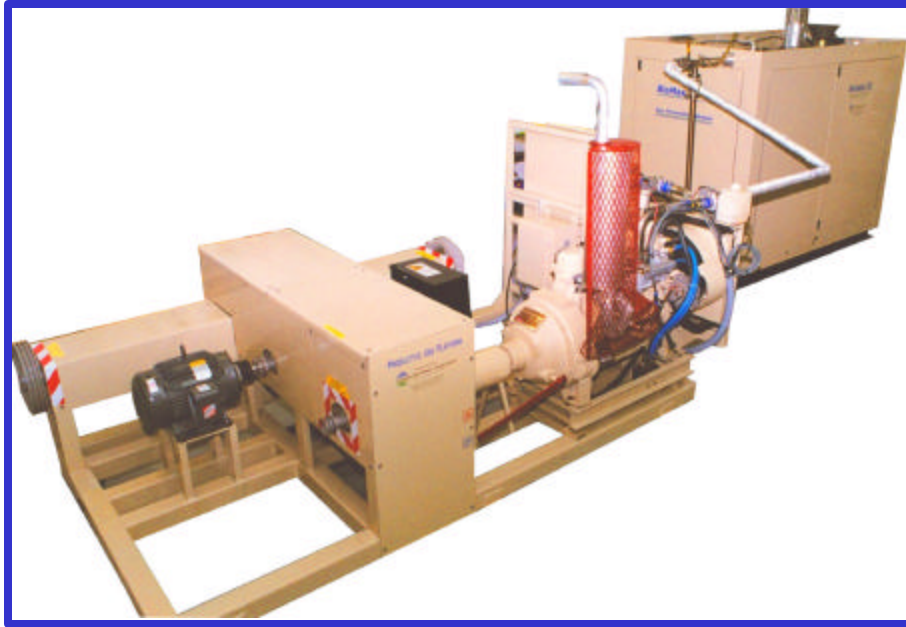


Community Productive Use Platform

Converts local biomass to mechanical, electrical and thermal power for rural enterprise applications



C-PUP Features

- Modular design – standard systems
- Fully automated startup, operation & shutdown of Gas Production Module
- Non-condensing system. Dry gas clean-up
- No liquid wastes
- Can use variety of woody biomass fuels (wood chips, scraps, pellets, nut shells, etc.)
- Shaft-power outputs able to be engaged individually or all at once
- Optional, automatic dryer/feeder
- Provides shaft power for mills, grinders, mixers, pumps, drum dryers, generators, etc. (Inquire about productive devices.)

Specifications

- 2 shaft power inputs: one from engine, one from 10hp backup electric motor
- 3 shaft outputs totaling 25 shaft hp
- 1 generator output (up to 15 kW_e)
- 15 kW_t clean, heated air (up to 150°C)
- Footprint:
 - Gas Module: 3m x 1.6m
 - Power Module: 2.4m x 1.4m



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Energy Systems for Sustainable Power

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